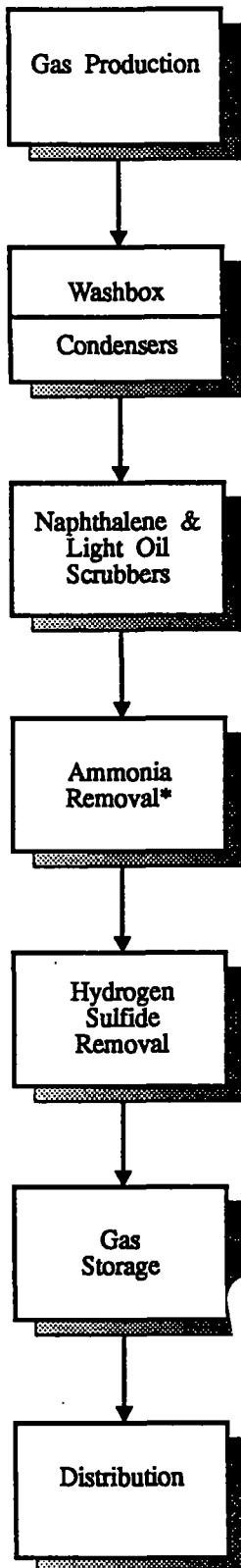


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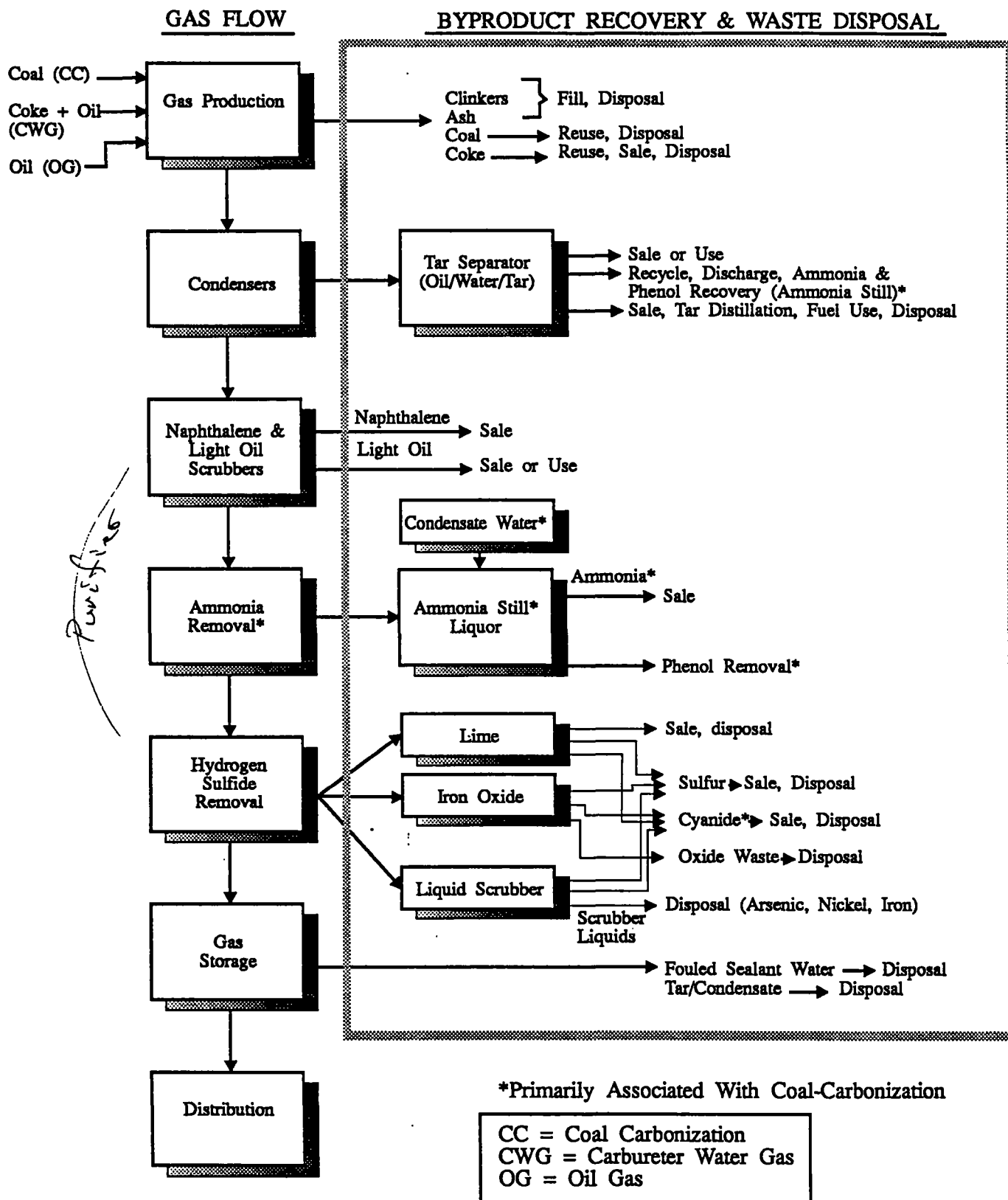
Site: Citizen Gas
ID #: IAD984589093
Break: 17.8
Other: 24.3

* For Coal Carbonization Processes

131135



131135
SUPERFUND RECORDS



MANUFACTURED GAS PROCESS, BYPRODUCT RECOVERY AND WASTE DISPOSAL

SOIL SAMPLES

Field Screening

- **Organic Vapor**
- **Oil Sheen Observations**
- **Discoloration**

Laboratory Analysis

Routine:

- **Benzene, Ethylbenzene, Toluene, Xylene**
- **Polynuclear Aromatic Hydrocarbons**
- **Cyanide**

Selected Samples:

- **Phenol**
- **Arsenic**
- **Lead**
- **Mercury**

◦ **TPH**

SOIL

- 5 Waste is present at the former
tar pit area**
- 6 Waste is present at the former
purifiers area**
- 8 Waste is present at the former
west gasometer area**
- 7 , 14 The extent of waste observed in
the purifier/west gasometer/tar
pit area is limited**
- 1 , 2 , 3,
4 , 9 , 10 Waste was generally not
observed on the east parcel
of the site**

**13 The east gasometer should be
investigated to assess the
potential presence of waste**

SOIL

- A Is waste present at the east gasometer?**
- B What is the range of concentrations of waste at the tar pit?**
- C , D , E What is the extent of the tar pit?**
- F What is the extent of waste north of the purifier area? Is oil present in the former oil tanks area?**
- G What is the range of concentrations of waste at previous Boring ST-13?**

PREVIOUS INVESTIGATION

GROUNDWATER

MW3: A plume was detected downgradient of the former tar pit area

**MW1/: No plume was detected at
MW2 the upgradient east side
of the site**

**The hydraulic gradient across
the fine alluvium is downward**

**MW4: No significant plume was
detected at the upgradient
side of the west gasometer
area**

GROUNDWATER

MW5: Is the plume at MW3 from an upgradient source?

Don't rely on single source information

MW6: Has heavier-than-water waste migrated to bedrock?

MW7: Is the plume narrow or wide? Is there a plume downgradient of the west gasometer?

MW8: Is the plume narrow or wide? Is there a plume downgradient of the east gasometer?

MW9: How far has the plume traveled?